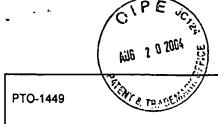
Sheet 1 of 2 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. SERIAL NO. AUG 2 0 2004 PTO-1449 PATENT AND TRADEMARK OFFICE T8948.CIP.2 10/717,109 LIST OF PRIOR ARTOTED BY APPLICANT **APPLICANT** MAHATO, et al **GROUP FILING DATE** 11/19/2003 1645 U.S. PATENT DOCUMENTS **FILING DATE EXAMINER DOCUMENT** INITIALS **NUMBER** CLASS **SUBCLASS** DATE NAME ADDDODDIATE AA 4,121,982 10-1978 Moriarty, et al 204/43 AB 5,283,185 Epand, et al 2-1494 AC 5,393,335 02-1995 Puckett, et al 106 AD 5,476,989 12-1995 Mimori, et al 588/20 ΑE 5,753,262 Wyse, et al 5/1948 AF 5,945,400 08-1999 Scherman, et al AG 5,955,415 09-1999 Gutierrez, et al 510/312 AΗ 6,177,274 01-2001 Park, et al 435/455 ΑI 2003/0073619 04-2003 Mahato, et al FOREIGN PATENT DOCUMENTS TRANSLATION **EXAMINER** DOCUMENT INITIALS **NUMBER** DATE COUNTRY CLASS **SUBCLASS** YES NO PCT/US02/25227 07.08.2002 ΑJ US WO 03/014318 A2 20.02.2003

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LIST OF PRIOR ART CITED BY APPLICANT

OTHER PRIOR ART (Including Author Title Portions Resear Etc.)

APPLICANT MAHATO, et al

FILING DATE 11/19/2003 GROUP 1645

AK Feigner P.L., et al, LIPOFECTION: A HIGHLY EFFICIENT, LIPID-MEDIATED DNA TRANSFECTION PROCEDURE, Proc Natl Acad Sci USA USA 84: 7413-7417 (1987)						
AL Gao, X. and Huang L., A NOVEL CATIONIC LIPOSOME REAGENT FOR EFFICIENT TRANSFECTION OF MAMMALIAN CELLS, Biochem. Biophys. Res. Commun. 179:280-285 (1991)						
AM Nabel, et al., GENE TRANSFER IN VIVO WITH DNA-LIPOSOME COMPLEXES, Human Gene Therapy 3:649 (1992b)						
AN Mosmann, T., RAPID COLORIMETRIC ASSAY FOR CELLULAR GROWTH AND SURVIVAL: APPLICATION PROLIFERATION AND CYTOTOXICITY ASSAYS, 65 J. Immunol. Methods 55-63 (1983)	то					
	Hans, S., et al, WATER-SOLUBLE LIPOPOLYMER FOR GENE DELIVERY. Bioconjugate Chemistry. 2001, Vol.					
Wang, D., et al, NOVEL BRANCHED POLY(ETHYLENIMINE)-CHOLESTEROL WATER-SOLUBLE AP LIPOPOLYMERS FOR GENE DELIVERY. Biomacromolecules. 2002, Vol. 3, pages 1197-1207, see entire document.						
AQ Furgeson, D.Y., et al, MODIFIED LINEAR POLYETHYLENIMINE-CHOLESTEROL CONJUGATES FOR DNA COMPLEXATION. Bioconjugate Chemistry. 2003, Vol. 14, pages 840-847, see entire document.	Furgeson, D.Y., et al, MODIFIED LINEAR POLYETHYLENIMINE-CHOLESTEROL CONJUGATES FOR DNA COMPLEXATION. Bioconjugate Chemistry. 2003, Vol. 14, pages 840-847, see entire document.					
AR Anderson, W. French, HUMAN GENE THERAPY, Nature, Vol. 392, 30 April 1998, pp. 25-30						
AS Verma, Inder M., et al, GENE THERAPY – PROMISES, PROBLEMS AND PROSPECTS, Nature, Vol. 389. 18 September 1997, pp. 239-242	Verma, Inder M., et al, GENE THERAPY – PROMISES, PROBLEMS AND PROSPECTS, Nature, Vol. 389. 18 September 1997, pp. 239-242					
AT Miller, Nicholas, et al, TARGETED VECTORS FOR GENE THERAPY, Reviews, pp. 190-199 FASE & J. Vol.						
AU Science 1995. Vol. 270 pp 404-410	Crystal, Ronald G., TRANSFER OF GENES TO HUMANS: EARLY LESSONS AND OBSTACLES TO SUCCESS,					
Deonarain, Mahendra P., LIGAND-TARGETED RECEPTOR-MEDIATED VECTORS FOR GENE DELIVERY, 53-59, Exp. Opin, Ther. Patents 8(1):53-54, 1948	Deonarain, Mahendra P., LIGAND-TARGETED RECEPTOR-MEDIATED VECTORS FOR GENE DELIVERY, pp.					
Ogris, M., et al, PEGYLATED DNA/TRANSFERRIN-PEI CÓMPLEXES: REDUCED INTERACTION WITH BLC AW COMPONENTS, EXTENDED CIRCULATION IN BLOOD AND POTENTIAL FOR SYSTEMIC GENE DELIVER Gene Therapy 1996 6, pp. 595-605						
AX Godbey, W.T., et al, POLY(ETHYLENIMINE) AND ITS ROLE IN GENE DELIVERY, Journal of Controlled Rele	Godbey, W.T., et al, POLY(ETHYLENIMINE) AND ITS ROLE IN GENE DELIVERY, Journal of Controlled Release					
	• 1					
EXAMINER DATE CONSIDERED						
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not

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14	A16	Bettinger, T., et al, "Size Reduction of Galactosylated PEI/DNA Complexes Improves Lectin-Mediated Gene Transfer into Hepatocytes" BIOCONJUGATE CHEMISTRY, 1999 JUL-AUG, vol. 10, no. 4, July 1999 (1999-07), pages 558-561, XP002305802, ISSN: 1043-1802 *abstract*								
RS	A17	Mahato, R.I., et al, "Water Soluble Lipopolymers for Interleukin-12 Gene Delivery" PROCEEDINGS-28 ^{1H} International Symposium on Controlled Release of Bioactive Materials and 4th Consumer & Diversified								
21	A18	Sato, Ayumi, et al, "Enhanced Gene Transfection in Macrophages Using Mannosylated Cationic								
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.